MPV 4x4

Mine protected vehicle (MPV) with enhanced ground explosive and ballistic protection for superior tactical mobility

Elbit Systems™ Land

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Ambushes, land mines and improvised explosive devices (IED) present a significant threat to both troops and vehicles. Moreover, recent advances in anti-tank mines – such as amplified explosive power, shaped charges that increase damage, innovative dispersal systems and sophisticated detonation triggers – have further increased the risks. Superior armor protection, combined with high mobility, is essential for any vehicle entering a battle zone. Elbit Systems' MPV 4x4 is a blast-protected, wheeled platform designed to operate effectively in explosive hazardous environments. With enhanced protection technologies, the MPV 4x4 provides the highest levels of safety to both the vehicle and the crew. Built on decades of experience and expertise in military defense technology, Elbit Systems' MPV delivers the critical balance between proven survivability and tactical mobility. Suitable for use on a variety of terrains and topographies, the platform can be tailored to meet a broad range of mission requirements, including command and control, combat casualty care, logistics, communications and more.

Advanced armor protection

With a gross vehicle weight (GVW) of 13 tons and a 1.5 ton payload capacity, the MPV 4x4 offers a superior level of resistance to the effects of mine detonation. Verified by independent testing, the platform can withstand a number of explosives including: 21kg TNT, which is more than a triple anti-tank mine under any wheel; 14kg TNT, which is more than a double anti-tank mine under the hull; an IED side blast of 14kg TNT; and 500g of shrapnel at a distance of three meters. In addition, the MPV 4x4 features rear door and four hatch access, as well as a bush-proof exterior design that is fully repairable after being hit